



US 20080117175A1

(19) United States

(12) Patent Application Publication

Linjama et al.

(10) Pub. No.: US 2008/0117175 A1

(43) Pub. Date: May 22, 2008

(54) METHOD, APPARATUS, AND COMPUTER
PROGRAM PRODUCT PROVIDING
VIBRATION CONTROL INTERFACE

(22) Filed: Nov. 16, 2006

(75) Inventors: Jukka Linjama, Espoo (FI);
Hannu S. Ojala, Pirkkala (FI)

Publication Classification

(51) Int. Cl.
G06F 3/041 (2006.01)Correspondence Address:
HARRINGTON & SMITH, PC
4 RESEARCH DRIVE
SHELTON, CT 06484-6212

(52) U.S. Cl. 345/173

(73) Assignee: Nokia Corporation

(57) ABSTRACT

(21) Appl. No.: 11/600,661

A method includes defining a plurality of parameters for a vibration control pulse comprising a start pulse and a stop pulse, and outputting the vibration control pulse to a vibration element to provide tactile feedback.

